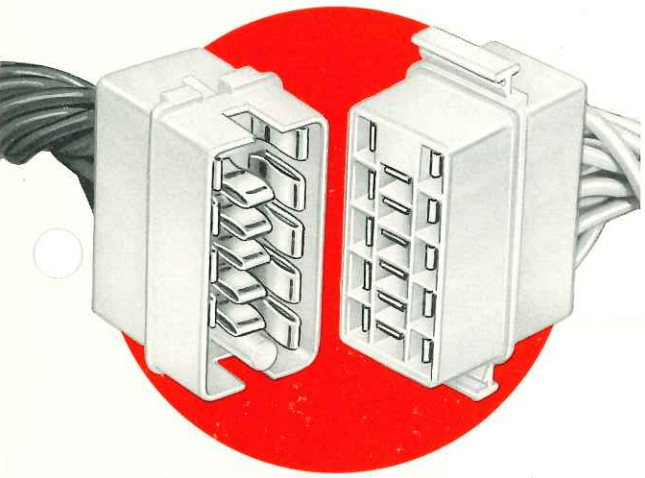
# NYLON & PHENOLIC
# PLUG & RECEPTACLES

**. . . featuring unique double spring contact terminals**

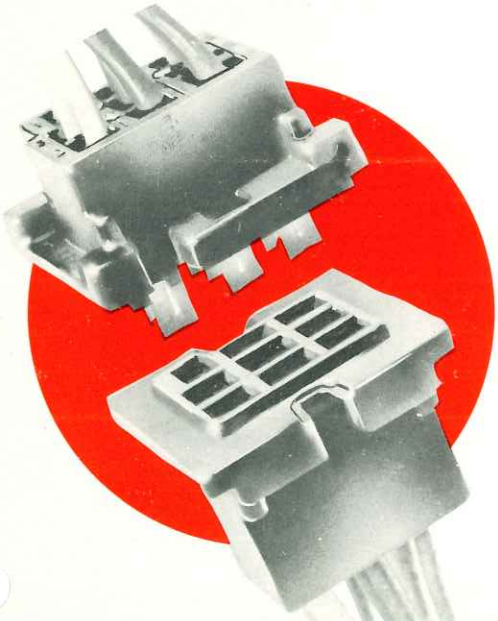
The *Original* Plug & Receptacles with snap-in, crimped terminals features proven reliability and design versatility! Now — the Molex flat contact terminal series is available in a wide range of models and circuit combinations in both nylon and phenolic housings.

Units feature positive, fool-proof polarity, easy snap-in terminals, (easily removable), self-contained integral lug mounting or simple clip mounting and totally encased female terminals . . . PLUS low unit cost, fast installation and service.



## MODEL 1257-15

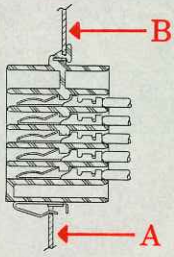
Nylon plug and receptacle for 15 circuit connections featuring choice of integral mounting lug or snap clip panel mounting. Note built-in positive, fool-proof polarity. Circuit identification available to specifications at slight added cost. Dual 1257 unit offers 30 circuit arrangement. (see back page)



## MODEL 840

Durable, UL approved phenolic case featuring positive polarity, snap-in, crimped terminals and choice of clip panel mounting or securing clips for loose mounting. Model 840 is designed for 9 circuit use.

## TECHNICAL INFORMATION

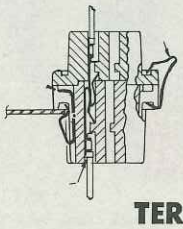



### NYLON

(A) is cross section of clip panel mounting. (B) integral mounting lug method. Note polarity and terminal protection afforded by case.

Note front to front contact provides positive feel and patented over center interlock of contact members with or without detents to securely hold units in position.

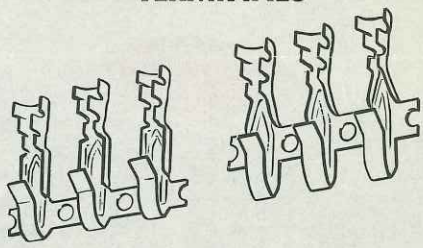
U. L. Approved to 15 amps; Wire sizes No. 22 — No. 12.



### PHENOLIC

Phenolic unit showing clip mounting for both panel and loose installation. Terminals mate back to front.

### TERMINALS



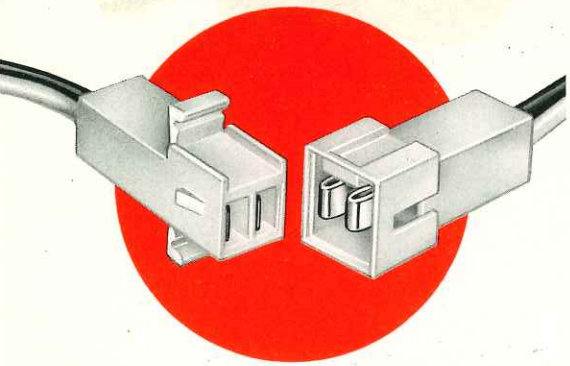
Flat type terminals, in chain or loose, are available in plain brass or tin plated in various stock thicknesses. Terminals are crimped automatically or hand crimped to wires. They snap-lock into position and are readily removed with simple ejector tool.

**MOLEX PRODUCTS COMPANY**
5224 Katrine Avenue Downers Grove, Illinois 60515

molex

Telephones: (312) 969-4550
Chicago: 521-6800
TWX 910-695-3533

# Compact . . . Dependable . . . Economical!

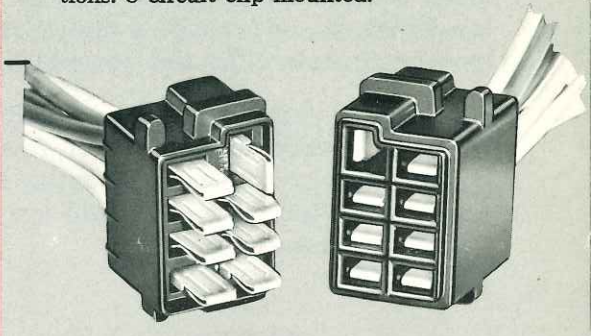


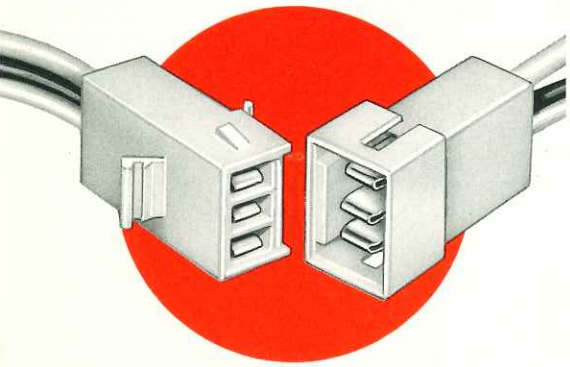
## MODEL 1184

Compact, two circuit nylon connector. Can be used loose, or integral lug mounted. Ideal for simple service connections.

## MODEL 1028

Phenolic case featuring excellent dielectric, simplicity in assembly, application, and service for a wide variety of installations. 8 circuit clip mounted.



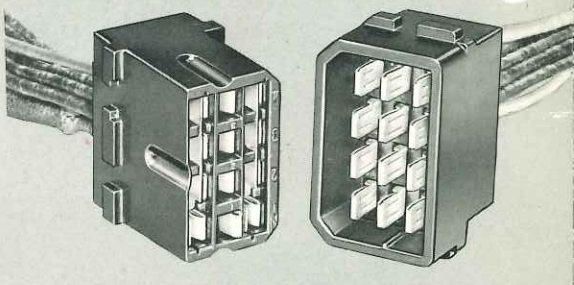


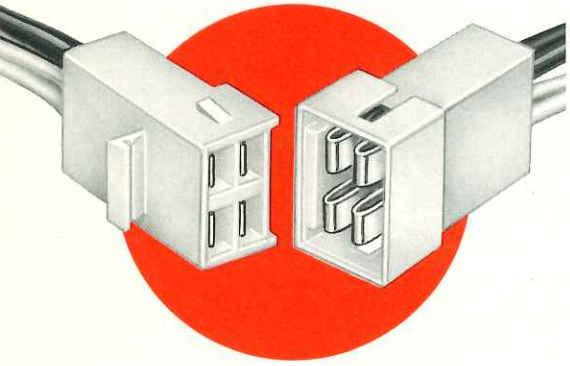
## MODEL 1183

Durable nylon case for three circuit connections. Available with integral mounting lugs.

## MODEL 1116

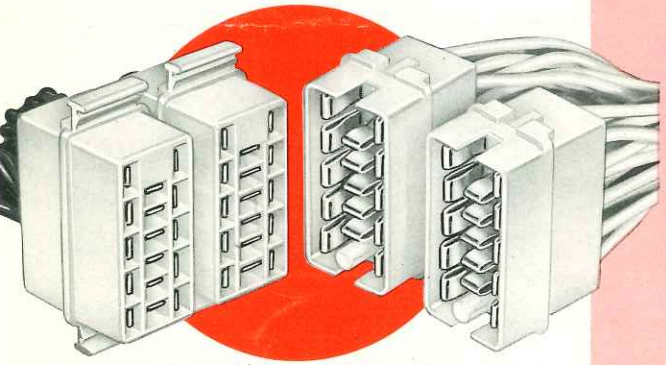
Rugged Phenolic case for twelve circuit connections. Panel mounting clip available. Bus bars for bussing each outside group of circuits from 2 to 4.





## MODEL 1181

Four circuit, compact nylon plug and receptacle. Outstanding simplicity for installation and service. This unit also available with integral mounting.



## MODEL 1257-30

Thirty circuit combination possible with one unit. Either plug or receptacle can be mounted with integral lugs or mounting clips for panel mounting.

## No. 1187 Molex Crimp Machines

Molex Automatic Crimping Machines for high speed terminations. Sold outright, leased, lease-purchase.

**Engineering assistance is available to solve your custom multiple circuit problems. Contact your local representative or write direct to the factory.**

molex

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5224 Katrine Avenue Downers Grove, Illinois 60515
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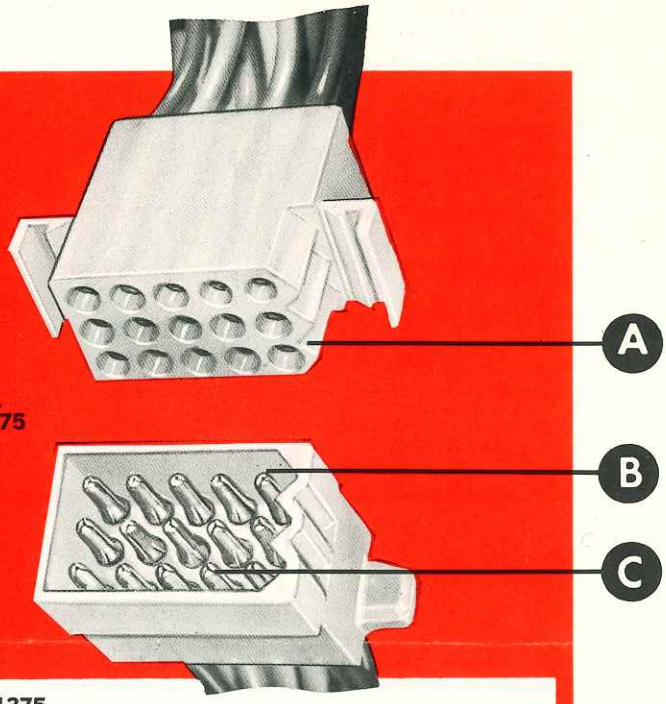
TWX 910-695-3533

Printed in U.S.A.
9-8-67
Form 565

# nylon PLUG and RECEPTACLES

Here's the low-cost solution to simplified multiple circuit connections. The Molex® nylon plug and receptacle line is available in seven models providing from two to fifteen circuit termination. The patented, crimped snap-in terminals speed wire attachment and installation. The self-contained mounting ears need only to be snapped into panel hole for secure installation. Mounting ears available on either plug or receptacle or both except on Model 1375 plug and Model 1554.

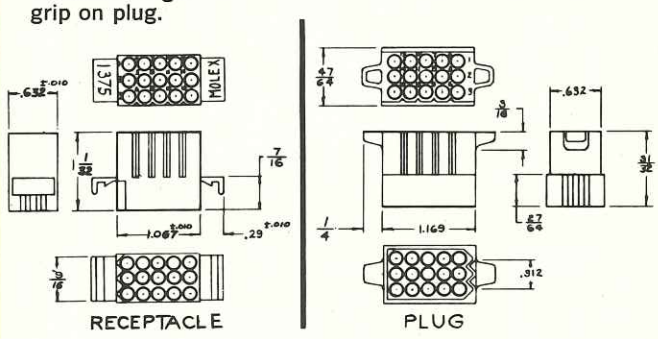



MODEL No. 1375

**Model 1375**

Fifteen circuit plug & receptacle with integral mounting receptacle and finger grip on plug.

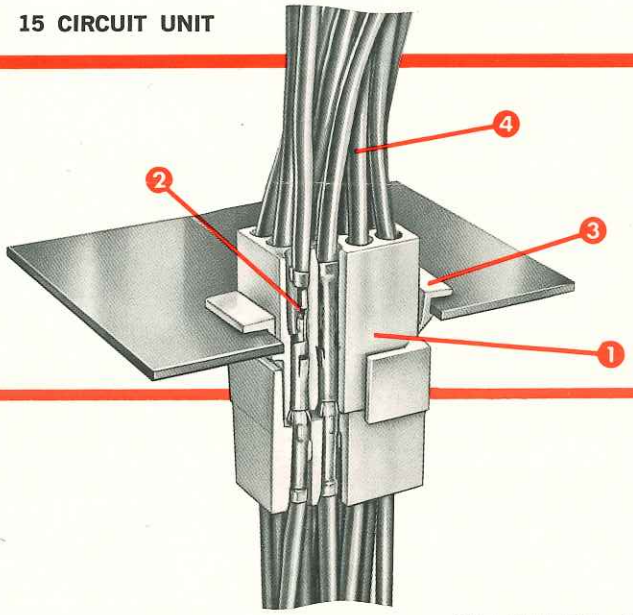
A—Positive Polarity
B—Encased Terminals
C—Crimped Snap-Lock Terminals




**15 CIRCUIT UNIT**

## Compact — Economical Circuit Design!

1. Durable nylon housing
2. Easy, snap-in, crimped terminals
3. Self-contained mounting
4. Wide variation of circuit combinations
- Excellent dielectric strength
- Simplified, fool-proof polarity
- U.L. listed
- Rated—up to 20 amps on selective circuits



**MOLEX® CRIMPING MACHINE No. 1187**

Electrically operated, automatic terminal crimper attaches up to 3500 terminals per hour. Available on a purchase, lease-purchase or rental basis.

SEE REVERSE SIDE

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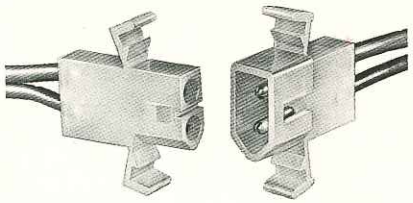
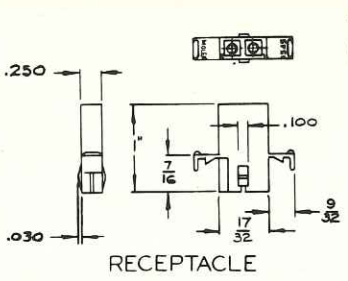
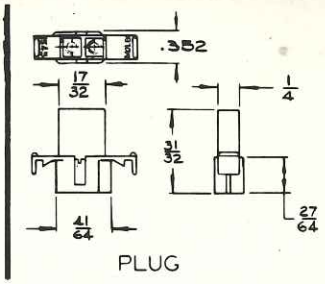
FORM No. 7-65-jd

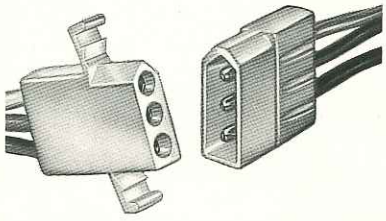
**Model 1545**
Two circuit plug & receptacle for simple compact applications.

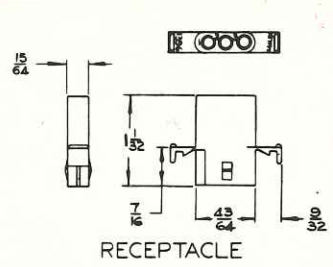


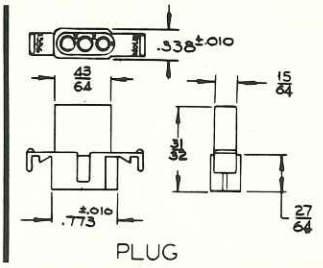


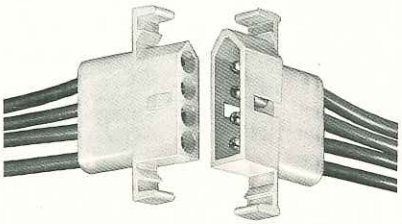

**Model 1396**
Compact three circuit unit for independent circuit isolation.

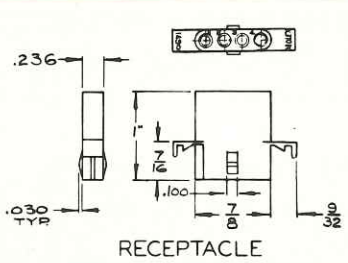


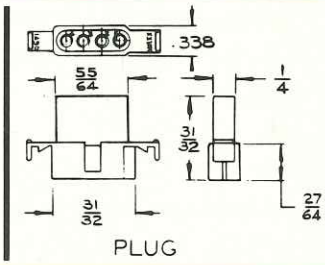


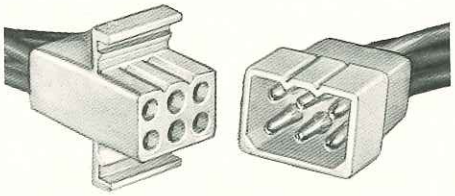

**Model 1490**
Flat, compact four circuit plug and receptacle.

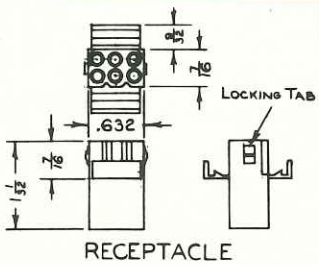


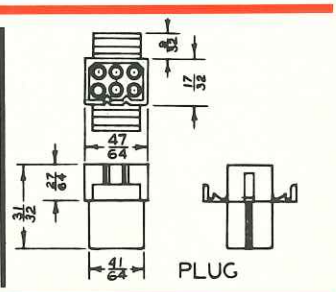


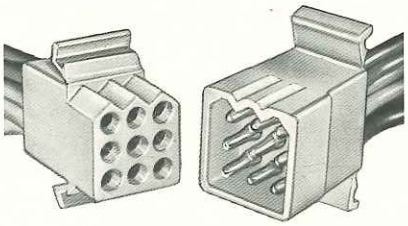

**Model 1261**
Six circuit connections made easy with this compact plug & receptacle.

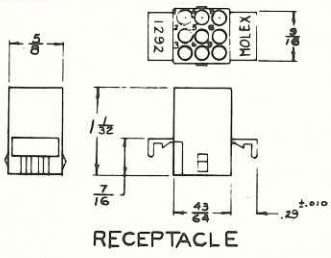


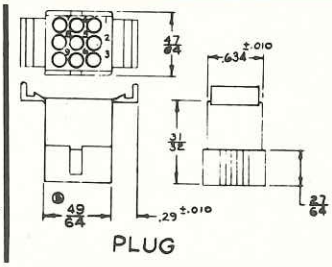


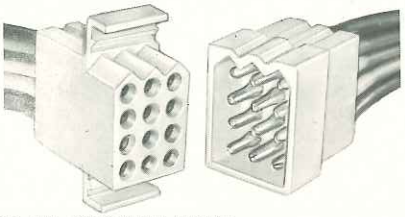

**Model 1292**
Mounting ears on both plug & receptacle for this nine circuit combination.

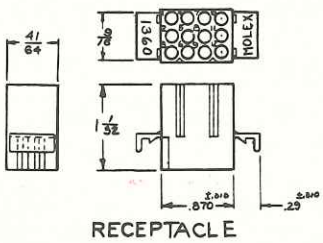


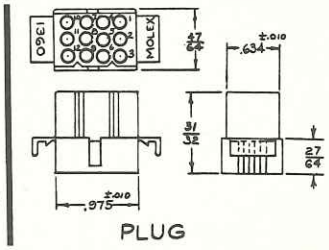



**Model 1360**
Twelve circuit variations possible with this model. Ideal for more complex installations.

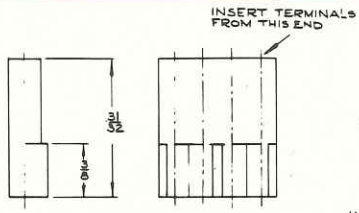


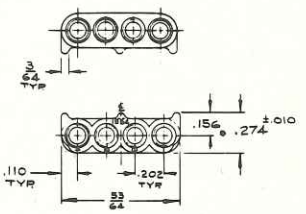



SEE REVERSE SIDE FOR 15 CIRCUIT UNIT

**Model 1554**
Four circuit connector. Ideal for printed circuit connections with staked Bead pin terminals.

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5224 Katrine Ave. Downers Grove, Ill. 60515
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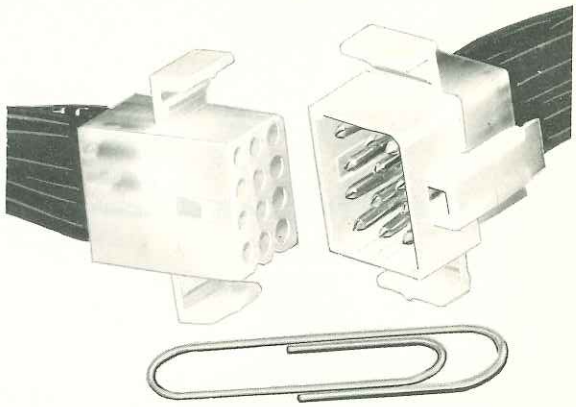
# NEW miniaturized nylon connectors

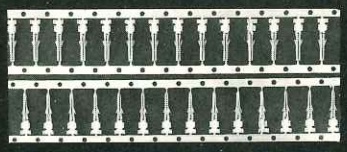
Molex® nylon miniaturized connectors offer low cost solution to multiple circuit connections. The contacts are automatically crimped to wires and snap-lock into housings. They offer positive polarity, ease of installation, and assembly plus simplified mounting methods for either panel or free installation.

## Proven in design and performance

- **Durable nylon housings**
- **Excellent dielectric strength**
- **Snap-in crimped terminals**
- **Wide variety of circuit combinations available**
- **Simplified, fool-proof polarity**
- **Positive lock available**



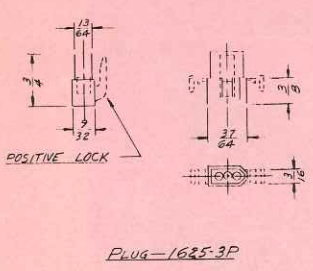
**(MODEL 1625-12)**
Twelve independent circuits are provided with this unit.



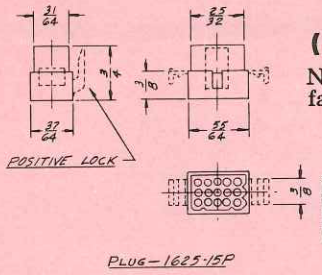
**MOLEX® TERMINALS**
Round pin terminal contacts, in tin plated brass chain, for automatic crimping to wires.

**(MODEL 1625-3)**
Compact three circuit unit for independent circuit isolation.

Presently available in 3, 9, 12, and 15 circuits. Integral mounting ears on both male and female units. All connectors feature snap-in, automatically crimped terminals for fast, simple assembly.



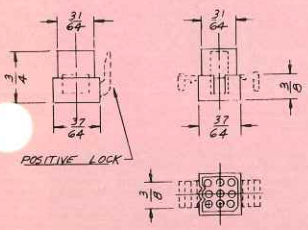

PLUG—1625-3P



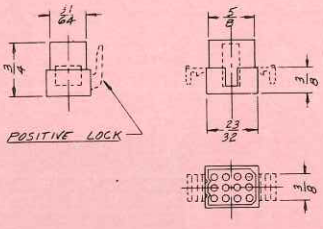

PLUG—1625-15P

**(MODEL 1625-9)**
Nine circuit connections for fast, multiple circuit wiring.

**MOLEX CRIMPING MACHINE No. 1187**
Electrically operated, automatic terminal crimper attaches up to 3500 terminals per hour. Available on a purchase, lease-purchase or rental basis.




PLUG-1625-9P




PLUG—1625-12P

**MODEL 1625-15**
15 circuit unit features simplicity of snap-in terminals and assembly.

**MOLEX PRODUCTS COMPANY** 5224 Katrine Ave. Downers Grove, Ill. 60515
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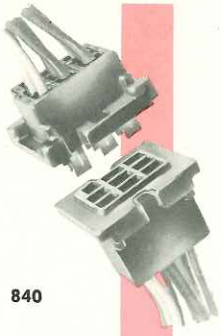
# OTHER DEPENDABLE MOLEX PRODUCTS



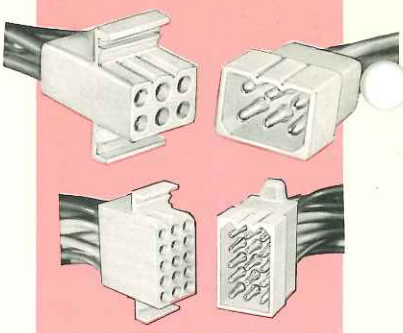
840

## PLUGS & RECEPTACLES —

Molex plug and receptacles are available in a variety of shapes, sizes and terminal arrangements. Although widely used in major appliances, the new Molex plug and receptacle is finding great acceptance in Automotive, Electronics, Vending, Machinery and other allied industries requiring dependable multiple circuitry. Nylon units available from 1 to 15 circuits. Phenolic units available from 3 to 60 circuits.

Phenolic

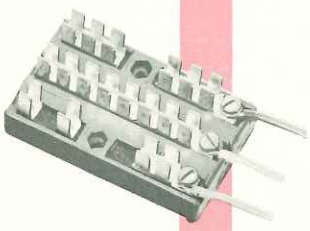
Six circuits
1261





Fifteen circuits
1375

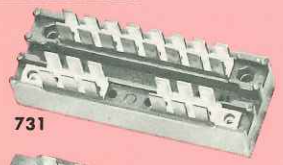
Nylon



665

## DISCONNECT TERMINAL BLOCKS —

Terminal blocks are available in infinite patterns, sizes and terminal arrangements. There are two types: TYPE No. 757 accepts standard female terminals and TYPE No. 665 provides binding screws for attachment of incoming feeds where amperage exceeds U.L. specifications for single tab terminals. Bases are made of durable Molex plastic compound.



731

757

707

749

567

## SERVICE TERMINAL BLOCKS —

These terminal blocks are also available with two types of pressure connectors. TYPE No. 567 provides pressure plate connectors for securing incoming wires. TYPE No. 378 features tubular type pressure connectors. Both types accept No. 18 to No. 6 stranded or solid wires. Both types are available with or without ground lugs.

378

Special

339

## STUD TYPE TERMINAL BLOCKS —

Molded of Molex plastic with sturdy collared stud terminals. Available with brass or steel plated studs identified to meet U.L. requirements. Stock models feature a variety of designs with No. 6 to No. 10 studs and counterbored holes for mounting.

Special

710

339-S4

**For additional information, samples or prints, on any of the products shown write to —**


**MOLEX® PRODUCTS COMPANY**
5224 Katrine Avenue Downers Grove, Illinois 60515

Telephones: (312) 969-4550
Chicago: 521-6800
TWX 910-695-3533

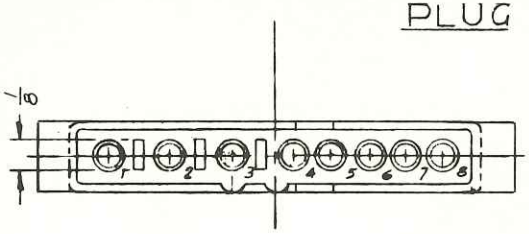


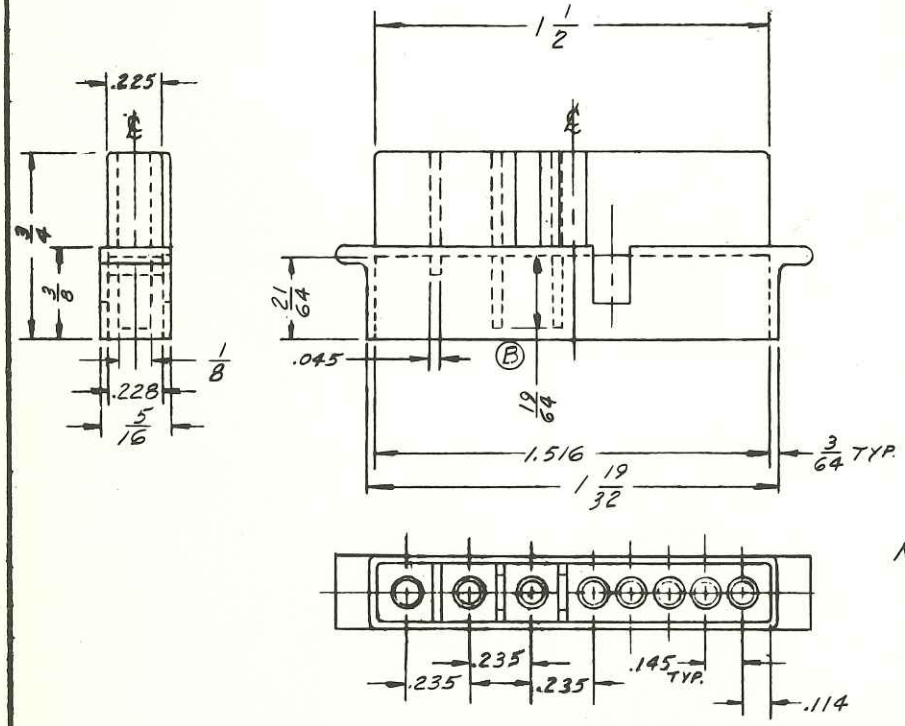
FORM No. 3-66-C-id PRINTED IN U.S.A.

X-26

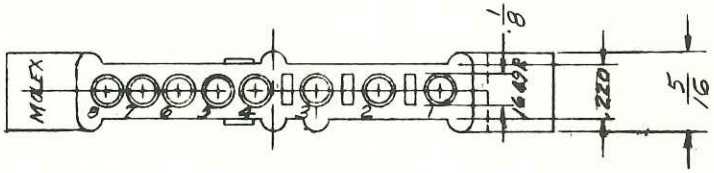
SD-1649

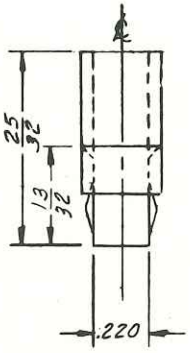
## PLUG

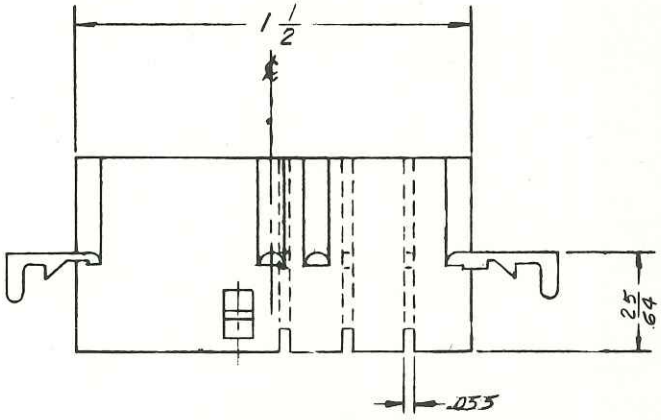


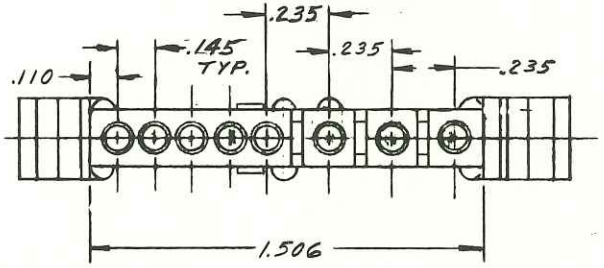



## RECEPTACLE

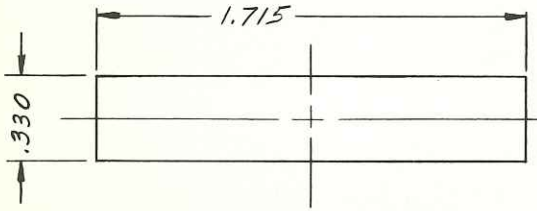



NOTES:
1- MAX. PANEL THICKNESS .062
2- USE TERMINALS NO. 1560 & 1561.




RECEPTACLE MOUNTING HOLE

PART NUMBERS

| | |
|---|---|
| 1649 P | PLUG |
| 1649 R | RECEPTACLE |

MATERIAL:
ZYTEL 101-NC-10 VIRGIN

Rec'd 8/9/67

PATENT APPLIED FOR

| | | | | | |
|---|---|---|---|---|---|
| B | BARRIERS LENGTHENED 4-4-67-W.H. | UNLESS OTHERWISE SPECIFIED TOLERANCES: DECIMAL DIMS. ±.005; FRACTIONAL DIMS. ± 1/64; ANGULAR ± 1/2°; Commercial Where Applicable; DRAFT 1° MIN.; DO NOT SCALE DRAWING | SCALE 2:1 | PLUG & RECEPTACLE | |
| A | 2-15-67 | | DRWG. BY W.A.H. | MOLEX PRODUCTS CO. 9515 Southview Ave. Brookfield, Ill. | DATE 7-25-66 SD-1649 |

SHEPARD CO. 100M ADEPROOF